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(FILE 'HOME' ENTERED AT 22:21:24 ON 18 MAY 2008)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 22:22:00 ON
18 MAY 2008

L1 77862 S DNASE OR S1(W)NUCLEASE
L2 79802 S LIGASE
L3 568 S L1 AND L2
L4 9299 S RANDOM?(4A) (INSERT? OR INTEGRAT?)
L5 1 S L3 AND L4

=> d bib ab l5

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on SIN
AN 2006:1029424 CAPLUS
DN 145:370751
TI Method of introduction of random mutation to DNA
IN Fujii, Ryota; Kitaoka, Motomitsu; Hayashi, Kiyoshi
PA National Food Research Institute, Japan
SO Jpn. Kokai Tokkyo Koho, 12pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006262838	A	20061005	JP 2005-88811	20050325
PRAI	JP 2005-88811		20050325		
AB	A method of the introduction of random mutation (substitution, insertion or deletion) to DNA (single strand or double stranded) has been developed. The process includes cleavage (enzymic or by ultra sounds) at random sites of the target DNA. The process includes the addition of multiple natural nucleic acids or nucleotide analogs at 3'-end (5 .apprx. 50 n.t. length) by terminal deoxynucleotidyltransferase, DNA polymerase, DNA ligase or RNA ligase. The process includes the extension by DNA polymerase in the presence or the absence of exogenous template DNA (DNAs containing uracil, methylated DNA, or DNA terminal biotin conjugates).				